

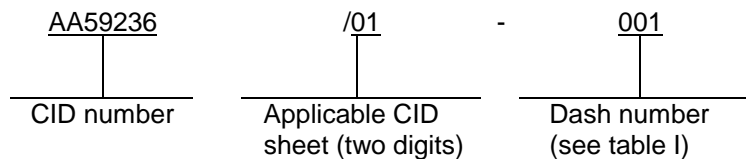
COMMERCIAL ITEM DESCRIPTION SPECIFICATION SHEET

FUSE, INCLOSED LINK, FAST ACTING, 20 AMPERE (A) THROUGH 80 A,
42-VOLT, AUTOMOTIVE BLADE TYPE

The General Services Administration has authorized the use of this Commercial Item Description (CID) for all federal agencies.

The complete requirements for procuring the inclosed fuse links described herein shall consist of this document and the issue in effect of CID A-A-59236.

CLASSIFICATION. This CID uses a classification system that is included in the Part Identification Number (PIN) as shown in the following example (see notes).



SALIENT CHARACTERISTICS.

Interface and physical dimensions. Fuses supplied to this CID shall be as specified herein (see figure 1).

Ampere rating. The ampere rating shall be as specified in table I.

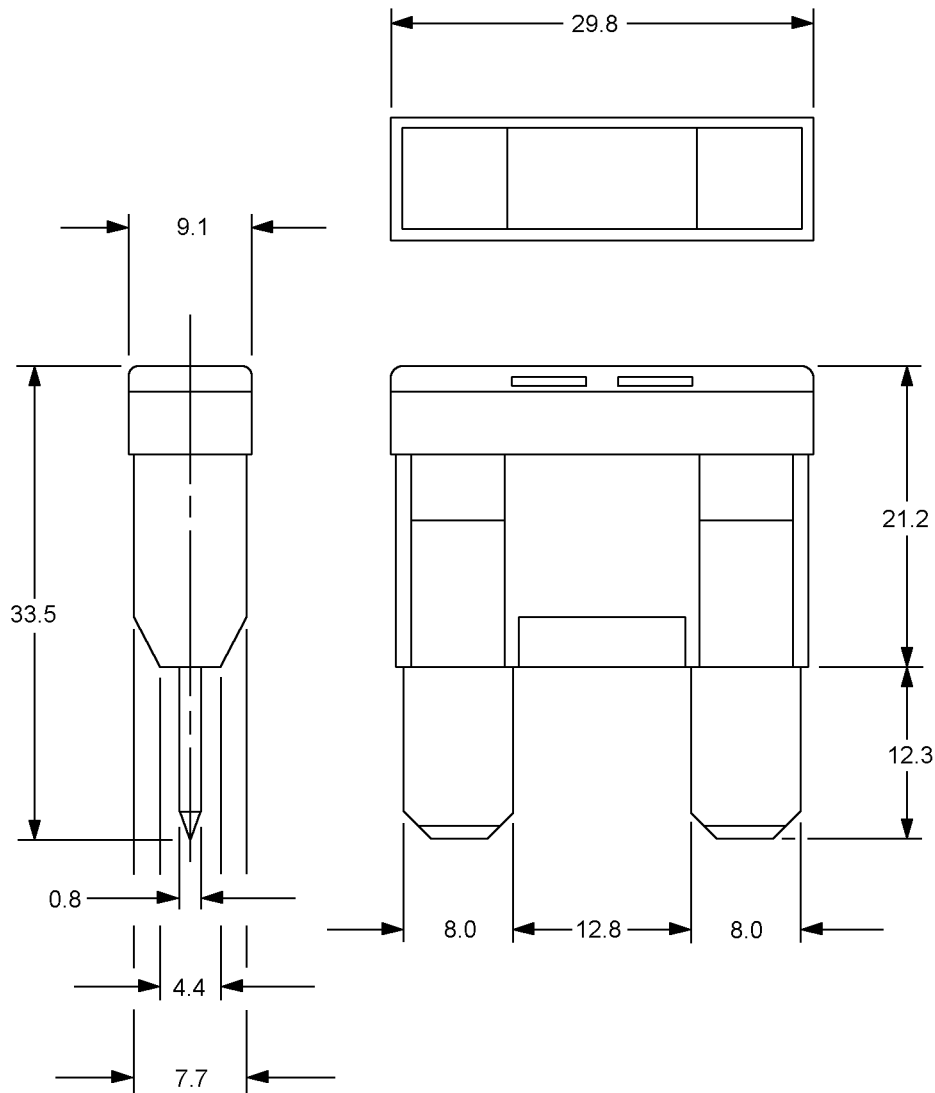
Voltage rating. The voltage rating shall be 42 V dc minimum.

Opening time. The opening time shall be as specified in table II.

NOTES.

PIN. The PIN should be used for Government purposes to buy commercial products to this CID. See classification information for PIN format example.

A-A-59236/1



mm	Inches	mm	Inches
0.8	0.03	12.3	0.48
4.4	0.17	12.8	0.50
7.7	0.30	21.2	0.84
8.0	0.31	29.8	1.17
9.1	0.36	33.5	1.32

NOTES:

1. Dimensions are in millimeters.
2. Tolerance is ± 0.13 mm (.005 inch), unless otherwise specified.

FIGURE 1. Configuration and dimensions

TABLE I. Electrical characteristics.

CID dash number AA59236/01-	Ampere rating	Color code <u>1/</u>
001	20	Yellow
002	25	Gray
003	30	Green
004	35	Brown
005	40	Orange
006	50	Red
007	60	Blue
008	70	Tan
009	80	Neutral

1/ Fuses are color-coded for easy amperage identification.

TABLE II. Rating versus opening time.

Percent of rating	Ampere rating									
		20	25	30	35	40	50	60	70	80
100	Min.	100 h	100 h	100 h	100 h	100 h	100 h	100 h	100 h	100 h
	Max.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
135	Min.	60s	60s	60s	60s	60s	60s	60s	60s	60s
	Max.	1800s	1800s	1800s	1800s	1800s	1800s	1800s	3600s	3600s
200	Min.	4.00s	4.00s	6.00s	6.00s	8.00s	10.0s	15.0s	4.00s	4.00s
	Max.	20.0s	30.0s	30.0s	40.0s	40.0s	50.0s	60.0s	60.0s	60.0s
350	Min.	0.70s	0.70s	1.00s	1.00s	1.40s	1.70s	2.00s	0.20s	0.20s
	Max.	2.00s	4.00s	4.00s	5.00s	5.00s	6.00s	7.00s	2.00s	2.00s
600	Min.	0.15s	0.15s	0.20s	0.20s	0.20s	0.20s	0.20s	0.04s	0.04s
	Max.	1.00s	1.00s	1.00s	1.00s	1.00s	1.00s	1.00s	0.15s	0.15s

Source of documents. This section is not applicable to this CID.

Commercial products. As part of the market analysis and research effort, this CID was coordinated with the following manufacturers of commercial products. At the time of CID preparation and coordination, these manufacturers were known to have commercial products that would meet the requirements of this CID. (NOTE: This information should not be considered as a list of approved manufacturers or be used to restrict procurement to only the manufacturers shown.)

<u>MFR's CAGE</u>	<u>MFR's name and address</u>
0JR59	WICKMANN USA 4100 Shirley Drive Atlanta, GA 30336-1906 Phone number (404) 699-7820 Facsimile number (404) 699-9176 E-mail: service@wickmannusa.com Uniform Resource Locator (URL): www.wickmannusa.com

Part number (P/N) supersession data. These CID part numbers supersede the following MFR's P/N's as shown. This information is being provided to assist in reducing proliferation in the Government inventory system.

TABLE III. P/N supersession data.

CID dash number AA59236/01- (see table I)	MFR's CAGE	MFR's P/N ^{1/}
001	0JR59	142.6885.5202
002	N/A	N/A
003	0JR59	142.6885.5302
004	N/A	N/A
005	0JR59	142.6885.5402
006	0JR59	142.6885.5502
007	0JR59	142.6885.5602
008	N/A	N/A
009	0JR59	142.6885.5802

^{1/} The manufacturer's P/N shall not be used for procurement to the requirements of this CID. At the time of preparation of this CID, the aforementioned commercial products were reviewed and could be replaced by the CID P/N shown. For actual part marking requirements, see 3.2 of A-A-59236.

MILITARY INTERESTS:

Custodians:
 Navy - EC
 DLA - CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

Preparing activity:

DLA-CC

Project 5920-0781-02